

CERTIFIED MAIL #9059 0159

January 14, 2003

Donald M. Deruntz, Jr.
VP of Operations
Calumet Flexicore Corporation
24 Marble Street
Hammond, Indiana 46327

Dear Mr. Deruntz, Jr.:

Re: State Exempt Status (089-16176-00216)

The information requested from Calumet Flexicore Corporation, initially received on September 30, 2002, has been reviewed. Based on the data submitted and the provisions in 326 IAC 2-5.1-2 for State Registrations, it has been determined that the source is classified as being exempt from the air pollution permit requirements of the IDEM. However, the source will still be permitted by HDEM under the Hammond Air Quality Control Ordinance 7102, as it has been in the past.

Any change or modification which may create or increase potential emissions of any criteria pollutant from the equipment covered in this exemption must be approved by the Hammond Department of Environmental Management (HDEM) before such change may occur.

If you should have any questions concerning the above, please feel free to contact Debra Malone at (219) 853-6306.

Sincerely,

Ronald L. Novak, Director
Hammond Department of Environmental Management
Air Pollution Control Division

**Indiana Department of Environmental Management
Office of Air Quality
and
Hammond Department of Environmental Management
Air Pollution Control Division**

Technical Support Document (TSD) for a State Exempt Source

Source Background and Description

Source Name:	Calumet Flexicore Corporation
Source Location:	24 Marble Street, Hammond, Indiana 46327
County:	Lake
SIC Code:	3272 – Concrete Products
Operation Permit No.:	089-16176-00216
Permit Reviewer:	Kristina Massey

The Hammond Department of Environmental Management (HDEM) has reviewed an application from Calumet Flexicore Corporation relating to the request for updated information from registered sources. After reviewing the application, it has been determined that the source no longer fits in the registered source category. This is due to the fact that the maximum design rate for the silo loading is no longer calculated the same way. In previous new source reviews, the loading rate was calculated by assuming that the loading is continually occurring for twenty-four (24) hours a day, without stop. The Company **cannot** receive more than one truck per day, because that is the maximum amount that the silo can hold. Since only one truck can be loaded in a day, the design rate is calculated by spreading the loading from the one truck a day over a twenty-four hour period.

This review process has shown **no** change in actual emissions from the source, only a decrease in the potential emissions due to the decrease in the maximum design rate.

Conclusion

The source will be issued a revised operation permit, with limits based on the new design rate. The special operation conditions will be updated at this time as well.

ALABAMA POWER LAW (CDS)/EIS

Calumet Flexicore Corp
24 Marble Street
Hammond, IN 46324

PLANT ID NO: N/A
INSP DATE: 9/28/01
CALC DATE: 10/7/02

CALCULATIONS BY: Kristina Massey

YEAR OF DATA: 2001
REVIEW

NO. OF POINTS: 1

NOTES

EF: EMISSION FACTOR MDR: MAXIMUM DESIGN RATE Ts: STACK DISCHARGE TEMPERATURE
CE: CONTROL EFFICIENCY MDC: MAXIMUM DESIGN CAPACITY UNITS FOR EMISSIONS ARE IN (TPY) EXCEPT WHERE GIVEN

Cement Unloading from Trucks
(Lone Star Type 3 Cement)
CNTRL DEV: Dusty Dustless (Model 36L)

MDR (T/hr): 1.125
YEARLY PROD (T/yr): 5,615
STACK ID (DIAM:HEIGHT): N/A
FLOWRATE (ACFM): 700
Ts(°F): 70

SCC #3-05-011-07			PERMITTED OPERATING HRS: 8760 hr/yr						ALLOWABLE		COMPANY ACTUAL	
			POTENTIAL EMISSIONS									
			BEFORE CONTROLS			AFTER CONTROLS					BEFORE	AFTER
POLLUTANT	EF(LB/T)	CE (%)	(lbs/hr)	(lbs/day)	(TPY)	(lbs/hr)	(TPY)	(gr/dscf)	(lbs/hr)	(TPY)	CONTROLS	CONTROLS
PM	0.24	0.99	0.2700	6.4800	1.1826	0.0027	0.0118	N/A	0.18	0.7884	0.6738	0.0067
PM10	0.12	0.99	0.1350	3.2400	0.5913	0.0014	0.0059	N/A	0.18	0.7884	0.3369	0.0034
SOx	0	0	0.0000	0.0000	0.0000	0.0000	0.0000	N/A	0	0	0.0000	0.0000
NOx	0	0	0.0000	0.0000	0.0000	0.0000	0.0000	N/A	0	0	0.0000	0.0000
VOC	0	0	0.0000	0.0000	0.0000	0.0000	0.0000	N/A	0	0	0.0000	0.0000
CO	0	0	0.0000	0.0000	0.0000	0.0000	0.0000	N/A	0	0	0.0000	0.0000
LEAD	0	0	0.0000	0.0000	0.0000	0.0000	0.0000	N/A	0	0	0.0000	0.0000

MDR: Based on (1) truckload (27T) per day
Source cannot receive more than one truck per day. (per Donald Deruntz 10/7/02)

326 IAC 6-1-2(a) referenced by
Hammond AQC Ordinance #7102 Art. 3.2
PM=PM10 per HAQC Ord 3522
(as amended)